

Title (en)

EVAPORATIVE COOLING PACK WITH SAME DIRECTION FLUTES DESIGNED TO PREVENT NESTING

Title (de)

VERDUNSTUNGSKÜHLPAKET MIT NUTEN IN DERSELBEN RICHTUNG ZUR VERHINDERUNG DES INEINANDERLEGENS

Title (fr)

BLOC DE REFROIDISSEMENT PAR ÉVAPORATION DOTÉ DE CANNELURES À DIRECTION IDENTIQUE CONÇUES POUR EMPÊCHER L'EMBOÎTEMENT

Publication

**EP 4139565 A4 20240501 (EN)**

Application

**EP 21796094 A 20210423**

Priority

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- US 2021028855 W 20210423

Abstract (en)

[origin: WO2021222021A2] An evaporative cooling pack formed from first and second corrugated media sheets is provided. The evaporative cooling pack cools a flow of air using a cooling fluid. The first and second corrugated media sheets have flutes that extend at different angles relative to a reference line and at such relative angles and have flute pitches that inhibit nesting of the adjacent sheets.

IPC 8 full level

**F02C 7/14** (2006.01); **F02C 7/04** (2006.01)

CPC (source: EP US)

**F02C 7/04** (2013.01 - EP); **F02C 7/141** (2013.01 - US); **F02C 7/143** (2013.01 - EP); **F05D 2200/13** (2013.01 - US); **F05D 2200/14** (2013.01 - US); **F05D 2200/15** (2013.01 - US); **F05D 2200/262** (2013.01 - US); **F05D 2200/263** (2013.01 - US); **F05D 2250/38** (2013.01 - EP US); **F05D 2250/61** (2013.01 - EP US); **F05D 2260/207** (2013.01 - EP); **F05D 2260/2214** (2013.01 - EP US)

Citation (search report)

- [I] US 2017276386 A1 20170928 - PONYAVIN VALERY IVANOVICH [US], et al
- [I] US 2019120509 A1 20190425 - SEELEY FREDERIC FRANK [AU], et al
- [I] JP 2009180433 A 20090813 - UNIV TOHOKU, et al

Designated contracting state (EPC)

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DOCDB simple family (publication)

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**US 2021028855 W 20210423**; CN 202180030006 A 20210423; EP 21796094 A 20210423; JP 2022561096 A 20210423; US 202217959391 A 20221004